THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Warren P. Steckle, Jr., et al. Docket No.: S-102,304

Serial No.: Examiner:

Filed : Art Unit:

For : MIXING UTILITY, LIQUID VISCOMETRIC APPARATUS

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

<u>INFORMATION DISCLOSURE STATEMENT</u> <u>UNDER 37 CFR 1.56, 1.97, AND 1.98</u>

Sir:

The documents listed below are identified in compliance with the duty of disclosure defined in 37 CFR 1.56. Copies are attached as appropriate.

- 1. Damian Hajduk et al., "High Throughput Viscometer and Method of Using Same," U.S. 2002/0148282, Patent Application Publication, published October 17, 2002.
- 2. Phillip Prescott et al., "Rheometer," U.S. 2003/0183016, Patent Application Publication, published October 2, 2003.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

I hereby certify that this correspondence is, on the date shown below, being:

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transmitted by facsimile to the
United States Patent and Arademark Office.

Mark N. Fitzgerald

(type or print name of person certifying)

- 3. Horst H. Winter, "Viscosity Measuring Device and Method," U. S. Patent 4.077,251, issued March 7, 1978.
- 4. James C. Hatfield, "Viscometer," U. S. Patent 4,574,622, issued March 11, 1986.
- 5. Gary R. Burg et al., "Rheometer Rhelogical/Viscoelastic Measuring Apparatus and Technique," U. S. Patent 4,667,519, issued May 26, 1987.
- 6. Gerald G. Fuller et al., "Measuring Shear Viscosity of Fluids," U. S. Patent 5,115,669, issued May 26, 1992.
- 7. Damian Hajduk et al., "High Throughput Viscometer and Method of Using Same," U. S. Patent 6,393,898, issued May 28, 2002.
- 8. David B. Larson, "Reciprocating Drive/Pump System and Reciprocating Capillary Viscometer Utilizing Same," U. S. Patent 6,575,019, issued June 10, 2003.
- 9. Robert S. Taylor, "Method for Determining the Rheology of a Gelled Fluid," U. S. Patent 6,629,451, issued October 7, 2003.

This Information Disclosure Statement is not to be construed as a representation that a search has been made or that additional matter material to the examination of this application does not exist. Applicant does not believe that any of these citations constitutes prior art under 35 U.S.C. 102.

It is requested that the above citations be made of record in the prosecution of this application.

Date:

Reg. No. 48,300

Phone (505) (505) 665-5187

Respectfully submitted,

Mark N. Fitzgerald

Los Alamos National Laboratory

LC/IP, MS A187

Los Alamos, New Mexico 87545

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PTO form 1449A		Complete if Known			
INFORMATION DISCLOSURE		Application Number			
		Filing Date			
STATEMENT BY APPLICANT		First Named Inventor Warren P. Steckle, Jr., al.			
(use as many sheets as necessary)		Art Unit			
		Examiner Name			
Sheet		of		Attorney Docket Number S-102,302	
Examiner Initials	Cite No. 1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2002/0148282	10/17/2002	Damian Hajduk et al.	
		US-2003/0183016	10/02/2003	Phillip Prescott et al.	
		US-4,077,251	03/07/1978	Horst H. Winter	
		US-4,574,622	03/11/1986	James C. Hatfield	
		US-4,667,519	05/26/1987	Gary R. Burg et al.	
***************************************		US-5,115,669	05/26/1992	Gerald G. Fuller et al.	
		US-6,393,898	05/28/2002	Damian Hajduk et al.	
		US-6,575,019	06/10/2003	David B. Larson	
		US-6,629,451	10/07/2003	Robert S. Taylor	

Examiner Initials	Cite No.	Foreign Patent Document Country Code ⁵ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ°
	L					
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EXAMINER: Initial it reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant..

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Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

Applicant is to place a check mark here if English language Translation is attached.